REMARKS

Claims 1-10 are pending in the application. The examiner is respectfully requested to reconsider and withdraw the rejections in view of the amendments and remarks contained herein.

REJECTIONS UNDER 35 U.S.C. § 103

Claims 1-5 and 11-12 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Fukuyoshi (JP 6-313890) in view of Leupp, et al. (U.S. Patent No. 3,978,580). This rejection is respectfully traversed. Notwithstanding, claims 11 and 12 are cancelled.

With respect to claims 1-5, please consider the following.

Claim 1 calls for a plurality of transparent electrodes formed directly on a plurality of reflective films. In contrast, the '890 reference teaches many elements (3, 5, and 6) disposed between the electrodes 4 and the reflecting film 2. As such, even if the proposed combination were made, the claimed invention would not be provided. As such, the proposed combination cannot render the subject matter of claim 1 unpatentable.

Claims 2 and 3 depend from claim 1 and should be allowable over the proposed combination for at least the same reasons as set forth above.

Claim 4 is rewritten in independent form and calls for an insulating film disposed directly on respective ones of the reflective films. Furthermore, a plurality of transparent electrodes are formed directly on the insulating film in correspondence with the reflective films. In contrast, as noted above, the '890 reference shows many other

elements (3, 5, and 6) disposed between the electrodes 4 and the reflecting film 2. As such, no insulating film disposed directly on respective ones of a plurality of reflective films, and a plurality of transparent electrodes formed directly on an insulating film in correspondence with the reflective films is provided.

Claim 5 calls for an insulating film disposed directly on respective ones of a plurality of reflective films, and each of a plurality of transparent electrodes being disposed directly on the insulating film. As asserted above with respect to claim 4, the '890 reference does not teach or suggest this arrangement, and therefore the proposed combination cannot render this claim unpatentable.

Claims 6 and 13 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Fukuyoshi in view of Leupp and further in view of Flynn (U.S. Patent No. 5,815,228). This rejection is respectfully traversed. Notwithstanding, claim 13 is cancelled.

With respect to claim 6, an insulating film is called for which is disposed directly on respective ones of a plurality of transflective films, and each of a plurality of transparent electrodes is disposed directly on the insulating film. As noted above, the proposed combination of Fukuyoshi and Leupp does not teach or suggest this arrangement. Flynn does not cure this deficiency. As such, the proposed combination cannot render claim 6 unpatentable.

Claims 7 and 9 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Fukuyoshi and Leupp and further in view of Kanbe (U.S. Patent No. 4,682,858). This rejection is respectfully traversed. Claims 7 and 9 depend from claim 5. Applicant respectfully submits that these claims should be in condition for allowance

over the prior art of record for at least the same reasons as set forth above with respect to claim 5.

Claims 8 and 10 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Fukuyoshi in view of Leupp, further in view of Flynn and Kanbe (U.S. Patent No. 4,682,858). This rejection is respectfully traversed. Claims 8 and 10 depend from claim 6. Applicant respectfully submits that these claims are in condition for allowance over the prior art of record for at least the same reasons as set forth above with respect to claim 6.

NEW CLAIMS

New claims 14-26 are presented herein. Favorable consideration of these new claims is respectfully requested.

CONCLUSION

It is believed that all of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding Office Action, and as such, the present application is in condition for allowance. Thus, prompt and favorable consideration of this amendment is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully submitted,

Dated: Feb. 20, 2003

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ATTACHMENT FOR CLAIM AMENDMENTS

The following is a marked up version of each amended claim in which underlines indicates insertions and brackets indicate deletions.

1. (Amended) A liquid crystal device comprising:

[a pair of] first and second substrates;

a liquid crystal layer disposed between said first and second substrates;

a plurality of transparent electrodes which are formed [on] above a surface of said second substrate[,] on the side of said liquid crystal layer, [of said second substrate such that] said plurality of transparent electrodes [are] being spaced from each other in a horizontal direction when seen in a direction perpendicular to said second substrate; and

a plurality of reflective films formed between said plurality of transparent electrodes and said second substrate, in areas opposing respective ones of said plurality of transparent electrodes, said plurality of transparent electrodes being formed directly on said reflective films,

wherein said reflective films are not formed in an area opposing at least some part of a space between the plurality of transparent electrodes.

2. (Amended) [A] The liquid crystal device according to Claim 1, wherein said reflective films are arranged [comprise a plurality of reflective films spaced from each other] in correspondence with respective ones of said plurality of transparent electrodes.

3. (Amended) The [A] liquid crystal device according to Claim 1, further comprising a color filter formed on at least one of said first and second substrates, said color filter including colored areas opposing [to said plurality of] respective ones of said transparent electrodes,

wherein said color filter includes no light shielding area in an area opposing at least some part of a space between said [plurality of] transparent electrodes.

4. (Amended) A liquid crystal device comprising:

first and second substrates;

a liquid crystal layer disposed between said first and second substrates;

a plurality of transparent electrodes which are formed above a surface of said second substrate on the side of said liquid crystal layer, said plurality of transparent electrodes being spaced from each other in a horizontal direction when seen in a direction perpendicular to said second substrate; and

reflective films formed on said second substrate in areas opposing respective ones of said plurality of transparent electrodes,

[A liquid crystal device according to Claim 1, wherein] an insulating film [is] disposed [between each said transparent electrode and each] directly on respective ones of said reflective [film] films, said plurality of transparent electrodes being formed directly on said insulating film in correspondence with said reflective films,

wherein said reflective films are not formed in an area opposing at least some part of a space between the transparent electrodes.

5. (Amended) A liquid crystal device comprising:

[a pair of] first and second substrates;

a liquid crystal layer disposed between said first and second substrates;

a plurality of transparent electrodes formed [on] over a surface of said second substrate[,] on the side of said liquid crystal layer[, of said second substrate];

a plurality of conductive reflective films [which are] formed between said plurality of transparent electrodes and said second substrate in correspondence with respective ones of said plurality of transparent electrodes, said plurality of reflective films being [not] electrically [connected to] isolated from each other; and

an insulating film disposed directly on [between each of said plurality of transparent electrodes and each] respective ones of said plurality of reflective films, each of said plurality of transparent electrodes being disposed directly on said insulating film.

6. (Amended) A liquid crystal device comprising:

[a pair of] first and second substrates;

a liquid crystal layer disposed between said first and second substrates;

a plurality of transparent electrodes formed [on] over a surface of said second substrate[,] on the side of said liquid crystal layer[, of said second substrate];

a plurality of conductive transflective films [which are] formed between said plurality of transparent electrodes and said second substrate in correspondence with respective ones of said plurality of transparent electrodes, said plurality of transflective films being [not] electrically [connected to] isolated from each other;

an insulating film disposed directly on [between each of said plurality of transparent electrodes and each] respective ones of said plurality of transflective films, each of said plurality of transparent electrodes being disposed directly on said insulating film; and

an illuminating apparatus disposed on a side of said second substrate[,] which is opposite to the side where said liquid crystal layer is disposed.

7. (Amended) [A] The liquid crystal device according to Claim 5, further comprising image signal supplying means disposed on said second substrate, for supplying an image signal to said plurality of transparent electrodes.

8. (Amended) [A] The liquid crystal device according to Claim 6, further comprising image signal supplying means disposed on said second substrate, for supplying an image signal to said plurality of transparent electrodes.

9. (Amended) [A] The liquid crystal device according to Claim 5, further comprising a plurality of switching elements disposed on said second substrate, each of said switching elements being [and] connected to respective ones of said plurality of transparent electrodes[, respectively].

10. (Amended) [A] The liquid crystal device according to Claim 6, further comprising a plurality of switching elements disposed on said second substrate, each of

said switching elements being [and] connected to respective ones of said plurality of transparent electrodes[, respectively].